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REPORT NO.

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## CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT

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**SUBJECT** 

Hydrogenation Plants in the Russian Zone NO. OF PAGES

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SUPPLEMENT TO REPORT NO.



- 1. There are still three hydrogenation plants in the Soviet cone of Germany: Zeitz (M 52/K 08), Leans (M 52/D 94) and Poenlen (M 51/P 32), Mach of the three plants produces synthetic gasoline using the Bergius process. The output of 1949 was said to have been:
  - a. Zeitz:

276,000 tons (prescribed Soviet quota); in this marker, Leitz is fully exploited.

b. Leuna:

30,000 tons (prescribed Soviet quota). This means only 10 percent of the caracity of the plant; normally, here yapleed 300,000 tons, maximum output during the war: 450,000 tons.

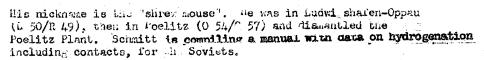
- c. Boehlei.
- 220,900 tons.
- The poor output of Leuna is due to the fact that Leuna uses only tare.
  The hydrogenation of coal directly from lignite (prown coal) has not been permitted. The major part of the plant will be dismantled. It must therefore be doubted whether the rate of output of the three plants can be maintained as the production of Leuna would burden the two other plants. Hach just cede a certain amount of its own tar so as to enable Leuna to produce the 30,000 tons of penzine.
- 3. It was learned that a Soviet staff in Scenier is working on the plans of a modern hydrogenation plant. This work is done under the designation of "Zrasnoye". This plant is intended for a yearly production of 100,000 tons. The Soviet deputy, Dr. Apstein, an invalid, lost right arm, it sists on the plant remaining in operating condition at an external temperature of 66 degrees F. (-5h9 G) (sic). Thus it seems that the plant will be built far north in the Soviet Union where in addition a dehydration lant is planted. However, since the Poemlen Flant is being expanded far beyond its standard capacity, it is assued that the Boemlen dehydration plant this be discardled and sent to the Soviet Union to consider the planned hydrogenation plant there. Dr. Schmitt is one of the closest collaborators of the Soviets.

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- The Leitz Plant wes built mainly for the production of paraffin. At present the chief product is paraffin but Piesel oil and gasoline are also produced. The gasoline has a low octane number (about 5% to 60); the Diesel oil, nowever, is excellent. For a time Piesel oil was sent to Danzig for the Soviet Amy. At first the paraffin produced by the leitz plant had a night percentage of oil (about 5 percent). A condensation plant was therefore built by which it was possible to reduce the percentage of oil below 1 percent. A white paraffin plant was also erected and the paraffin bleached. This bleached paraffin had to be shipped to the Soviet Union. Judging from the quality specifications and the packing instructions, the monthly production amounting to about 400 tons was required by the Soviet Army for armoment purposes.
  - a. The major part of the production of 2,500 tonsmonthly, in excess of these 400 tons, was sold on the black market. Most of it went to the testern some in exchange for material which was not deliverable in the Soviet some and which the plant badly needs. Among other things there is an enormous shortage of the following articles:
  - (1) Boiler tubes, non-ferrous metals, steel tubes for high pressures, wire cables for elevators. packing material (asbestos), high pressure fittings, (formerly manufactured by the Ludwigshafen plant for the other plants), piston rods for gas circulating pumps (from esslingen).
  - b. The paraffin is sent from Leitz to Litten/Ruhr (K 52/ 71; to the Imhoff (Bartaii) firm by truck convoys. The air lift is also used for trunsports to the Testern Lones. The paraffin is to be exchanged for the mentioned articles.
  - c. Recently the sale of pasoline encountered difficulties. As the plant had a considerable surplus of paraffin it was used for the production of benzine and oil . It was a success contrary to the opinion of experts.
  - d. The boviets canagement of the plant was the following:

General managersStepanov, recalled by MaVD early in Larch 1949.

Engineer-in-Unief (managing engineer) Furovski, sent back to the Soviet Union by NAMP at the same time.

Commercial manager; bavelski.

Purchases: Rutkin.

Deputy general anager and head of the NEVD in the plant thorovitski, formerly a tractor driver. Power station: Fankrushin; after the explosion in the Leitz Flant in 1948 he was transferred to marlshorst (# 53/2 94).

The factory police were German.

## Field Comment:

s. In the oviet done of Germany there are, at present, not thrie, as source reporte, but seven hydrogenation plants producing fuels. They are in Zeitz Troeglitz, Boenlen, Leune, aspenisin, Rositz, all of them using

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the Bergius process, and the plants in Luetzkendors and Schwarzheide, using the Fischer-tropsch process.

There are also some lightle low-temperature carbonizing plants which also produce gasoline.

b. The statements on the production rigures are inaccurate as in Leitz-Troeglitz and Boehlen, the yearly production is not 270,000 tons and 220,000 tons of synthetic gasoline. These figures include all primary products obtained in the course of the hydration process. In Leitz the production of power fuel (carburetor fuel and Piecel oil) is estimated at about 190,000 to 200,000 tons and in Boehlen about 150,000 tons. The specialty of the Boehlen plant is aviation fuel (about 45,000 to 60,000 tons per year).

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